



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

RBWAAB0026
Job Sheet 176135



Part No: RBWAAB0026

Job Qty: 1 ea

Part Name: Main Rotor & Tail Rotor Servoactuator Torque Socket



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 4/17/18

Job Tracking No:

Due Date: 5/18/18

Created By: Chantal Lavoie

Type: Stock

Description:

Note: DWG RBWAAB0026 Rev 2 IPP Rev A 18.01.10 New issue DP Verify DD/IPP Rev B 18.02.06 Now purchased part DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Purchasing	1 pcs		5/18/18	0.00	0.00	Purchasing		AT 18/04/27
110	Packaging	1 pcs		5/18/18	0.00	0.00	Packaging2		AT 18/04/27
120	QC	1 pcs		5/18/18	0.00	0.00	QC6		PD 18-04-29
130	Packaging	1 pcs		5/18/18	0.00	0.00	Packaging3		SB
140	QC21-FG	1 Ea		5/18/18	0.00	0.00	QC21		21 APR 27 2018

Part Op 90 - 1-Issue P/O to METEC ; P/O 38992 Fabricate as per DWG RBWAAB0026

Descriptions:

APR 17 2018

9-86 DAS
13
9-89

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
RBWAAB0026P	Main Rotor & Tail Rotor Servoactuator Torque Socket	1 Ea (1 ea)	90-Purchasing	5066294

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Purchasing	RBWAAB0026P	1	0	0

Part Specifications

Specifications could not be found.

Plex 4/17/18 2:11 PM dart.lavoie.chantal



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: **S066295**



Main Rotor & Tail Rotor Servoactuator Torque Socket

PART NO: **RBWAAB0026**
Serial No/Batch: **S066295**

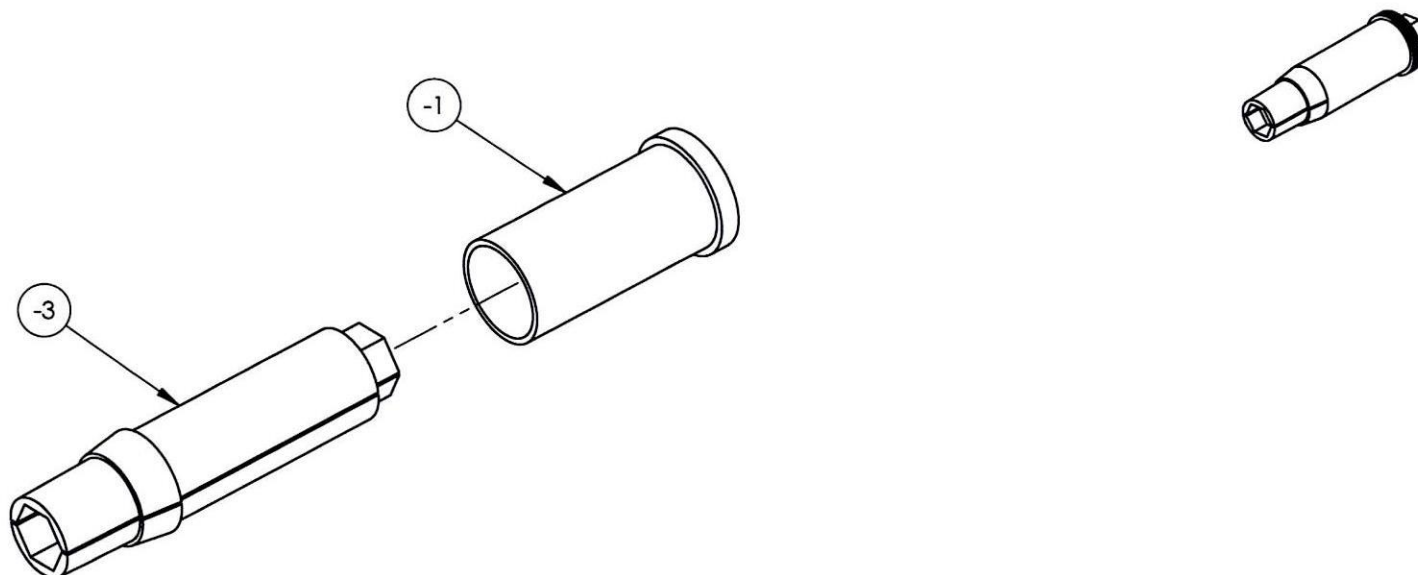
Revision:
Operation:
Change No:

Packaging

Mfg Date: 04/27/18
Job No: 176135

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	11/17/2015	RJC	JAG
2	16-0280	UPDATED TO NEW STANDARDS. -1 CH'D MATERIAL WAS 4140 Q&T/4142 Q&T IS 4140/4142; ADDED HEAT TREAT, ADDED FINISH SPEC. -3 CH'D DIM WAS $\varnothing 1.101 \pm .000 / -.003$ S.F. -1 IS $\varnothing 1.099 / 1.096$ (S.F. -1); ADDED NOTE "SPLIT LINE Δ "; CH'D NOTE Δ WAS EDM SOCKET IN HALF WITH MINIMAL MATERIAL LOSS. IS EDM SOCKET IN HALF WITH MINIMAL MATERIAL LOSS. FLATS ON SOCKET MUST ALIGN; ADDED FINISH SPEC.	12/29/2016	SM	JAG



NOTES:

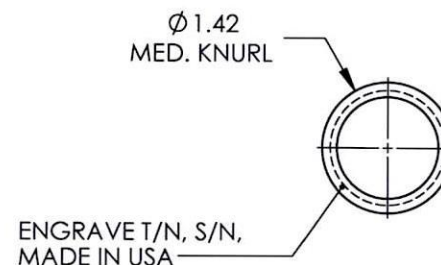
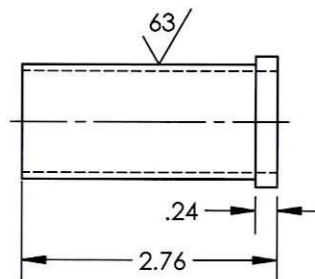
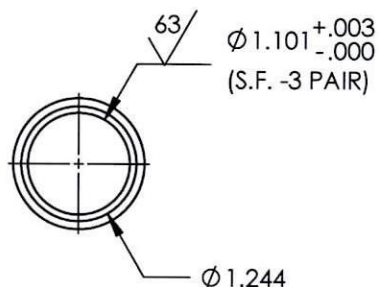
1. REFERENCE AGUSTA T/N AAB0026.
2. UPDATED RBWAAB0006.

DART AEROSPACE	
TITLE M/R & T/R SERVO TORQUE SOCKET	
DWG NO. RBWAAB0026	REV 2
MAT'L HEAT TREAT FINISH SPEC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS $\pm 1/8$ ANGLES $\pm 5^\circ$ SURFACES = 125 $\sqrt$
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	AW139
SCALE 1:1	DATE 11/1/2015
SHEET 1 OF 3	

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	CLAMP	4140/4142		2
			-3	1	SOCKET	4140/4142		3

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0280	-1 CH'D MATERIAL WAS 4140 Q&T/4142 Q&T IS 4140/4142; ADDED HEAT TREAT, ADDED FINISH SPEC.	12/29/2016	SM	JAG

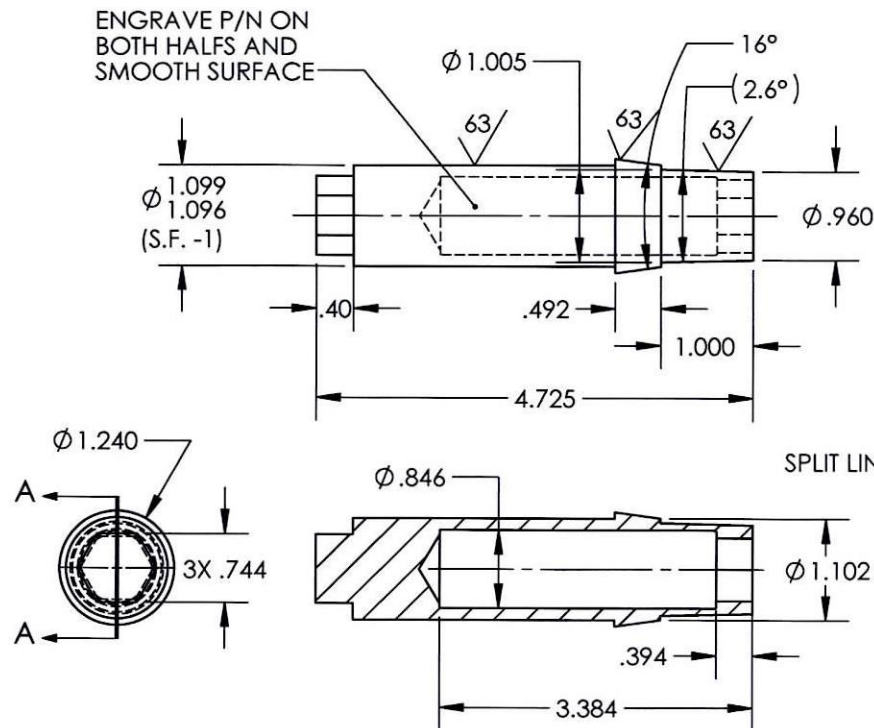
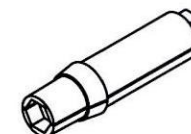


(-1)
CLAMP

DART AEROSPACE	
TITLE M/R & T/R SERVO TORQUE SOCKET	
DWG NO. RBWAAB0026-1	REV 2
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT RC 28-34	.XXX ± .005 FRACTIONS ± 1/8
FINISH BLACK OXIDE	.XX ± .01 ANGLES ± 5°
SPEC QMSI-6.2.2, B.O. REV D	.X ± .1 SURFACES = 125/
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES 015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	AW139
SCALE 1:2	DATE 11/17/2015 SHEET 2 OF 3

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0280	-3 CH'D DIM WAS Ø1.101+0.000/-0.003 S.F. -1 IS Ø1.099/1.096 (S.F. -1); ADDED NOTE "SPLIT LINE $\triangle$ "; CH'D NOTE $\triangle$ WAS EDM SOCKET IN HALF WITH MINIMAL MATERIAL LOSS. IS EDM SOCKET IN HALF WITH MINIMAL MATERIAL LOSS. FLATS ON SOCKET MUST ALIGN; ADDED FINISH SPEC.	12/29/2016	SM	JAG



SECTION A-A

NOTES:

- 1 EDM .686 HEX.
- 2 EDM SOCKET IN HALF WITH MINIMAL MATERIAL LOSS. FLATS ON SOCKET MUST ALIGN.



TITLE
M/R & T/R SERVO TORQUE SOCKET

DWG NO. RBWAAB0026-3

REV 2

MAT'L 4140/4142

HEAT TREAT RC 38-43

FINISH BLACK OXIDE

SPEC QMSI-6.2.2, B.O. REV D

DRAWN BY: CLOUGH

CHECKED: DUERFELDT

OPPS APPR: ANDERSON

QA APPR: LINDSAY

APPROVED: GILBERT

SCALE 1:2

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ± .5°
.X ± .1 SURFACES = 125/

1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009

USED ON MODEL

AW139

DATE 11/17/2015

SHEET 3 OF 3

③

SOCKET



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO038992

Supplier: MEM001-VC
Metec Metal Technology Inc.
20 Terry Fox Drive PO Box 781
Vankleek Hill
ON
K0B 1R0 Canada
Phone: 613 678 3957
Fax: 613 678 3956

Attention: Walz, Shigi

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO038992
PO Date: 2/8/18
Due Date: 3/23/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Phone:

E-MAILED
FEB 08 2018

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items											
Line Item	Part	Supplier Part No	Item No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	RBWAAB0026P			Main Rotor & Tail Rotor Servoactuator Torque Socket As Per Dwg RBWAAB0026 Rev. 2	Firmed	3/23/18	4 Ea	0 Ea	4 Ea	\$1,215.00/Ea	\$4,860.00
											DAS 9 9-89

Line Item Note job# 171783

Grand Total: \$4,860.00

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses
A005 RIGHT OF ENTRY
A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)
A012 CHEMICAL AND PHYSICAL TEST REPORTS
A016 PERSONNEL QUALIFICATION
A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
A049 SUPPLIER AWARENESS

[Handwritten signature]
[Handwritten initials]

Plex 2/8/18 11:45 AM dart.baker.diane



20 Terry Fox Drive, Vankleek Hill, Ontario K0B 1R0

Tel. (613) 678-3957 & (613) 678-2782 Fax (613) 678-3956 metec@metec.ca

CERTIFICATE OF CONFORMITY

SOLD TO:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, Ont.
K6A 1K7

SHIPPED TO:

same

Quantity	Part Number	Part Name	P.O. Number
1	RBW AAB0026 Rev.2	M/R & T/R Servo Torque Socket	38992

DAS
9
9-89

We hereby certify that the above parts were made in conformance with applicable drawings.

METEC Metal Technology Inc.


Shigi Walz

Vankleek Hill, April 27, 2018